

रसायनशास्त्र विभाग,
(स्वायत्त)

मुंबई विद्यापीठ

लोकमान्य टिळक भवन
विद्यानगरी,

मुंबई - ४०० ०९८. (भारत)

UDC/301/2025



DEPARTMENT OF CHEMISTRY
(AUTONOMOUS)

University of Mumbai

Lokmanya Tilak Bhavan,
Vidyanagari,

Mumbai - 400 098. (INDIA)

Date: 25/6/2025

TIME TABLE

M. Sc. Part II (NEP-2020 Based) COURSE IN INORGANIC CHEMISTRY SEMESTER- III (2025-26)

Name of the Teacher	Days & Timing	Dates		Paper/Unit/Topic
Dr. S. T. Manjare	Monday (9.00 a.m. to 11.00 a.m.)	July: 7, 14, 21, 28 Aug: 4, 11, 18, 25	Sep: 1, 8, 15, 22, 29 Oct: 6, 13	CHEM-622 Unit I: Inorganic Photochemistry Unit IV: Bioinorganic Chemistry
	Friday (9.00 a.m. to 11.00 a.m.)	July: 4, 11, 18, 25 Aug: 1, 8, 22	Sep: 12, 19, 26 Oct: 3, 10	CHEM 62511: (Elective Paper I) Unit III: Preparation of coordination compounds, Stereochemistry, Chirality and Fluxionality of coordination compounds, crystal Engineering, MOFs
	Saturday (9.00 a.m. to 11.00 a.m.)	July: 5, 19 Aug: 2		Unit IV: Metallurgy
Dr. S. S. Garje	Monday (11.00 a.m. to 1.00 p.m.)	July: 7, 14, 21, 28 Aug: 4, 11, 18, 25	Sep: 1, 8, 15, 22, 29 Oct: 6, 13	CHEM 621 Unit II: Synthesis of Inorganic Materials, Different methods for single crystal growth, Thin Film Preparation
	Wednesday (9.00 a.m. to 10.00 a.m.)	July: 2, 9, 16, 23, 30 Aug: 6, 13, 20	Sep: 3, 10, 17, 24 Oct: 1, 8	Unit IV: Crystal defects and non-stoichiometry
	Saturday (11.00 a.m. to 12.00 p.m.)	July: 5,		CHEM 623 Unit IV Mossbauer spectroscopy
Dr. Aleem Ansari (Visiting Faculty)	Wednesday (8.00 a.m. to 9.00 a.m.)	July: 2, 9, 16, 23, 30 Aug: 6, 13, 20	Sep: 3, 10, 17, 24 Oct: 1, 8	CHEM 623 Unit III: Electron spin resonance spectroscopy
	Saturday (8.00 a.m. to 9.00 a.m.)	July: 5		
Dr. S. D. Pawar	Tuesday (9.00 a.m. to 11.00 a.m.)	July: 1, 8, 15, 22, 29 Aug: 5, 12, 19, 26	Sep: 2, 9, 16, 23, 30 Oct: 7, 14	CHEM 622 Unit II: Magnetic properties of complexes Unit III: Electronic spectra of complexes
	Thursday (9.00 a.m. to 11.00 a.m.)	July: 3, 10, 17, 24, 31 Aug: 7, 14, 21	Sep: 4, 11, 18, 25 Oct: 9	CHEM 62511: (Elective Paper I) Unit I: Chemistry of Group 13 and 14 elements
	Saturday (11.00 a.m. to 1.00 p.m.)	Aug: 2		Unit II: Chemistry of Group 15 and 16 elements
Dr. S. Sachar	Tuesday (11.00 a.m. to 1.00 p.m.)	July: 1, 8, 15, 22, 29 Aug: 5, 12, 19, 26	Sep: 2, 9, 16, 23, 30 Oct: 7, 14	CHEM 621 Unit I: Crystal chemistry, linked polyhedral
	Wednesday (10.00 a.m. to 12.00 p.m.)	July: 2, 9, 16, 23, 30 Aug: 6, 13, 20	Sep: 3, 10, 17, 24 Oct: 1, 8	Unit III: Solid solutions, liquid crystals CHEM 623 Unit I: X-ray Diffraction Unit II: Electron and neutron diffraction

Lectures will commence from **Tuesday, 1st July 2025**. All the students should assemble in **Old Lecture Complex, First Floor, Room No. 1** at Vidyanagari campus at **9.00 a.m.**

Tentative dates for Examination and Vacation:

Semester III Internal Practical Examination: (Respective section coordinator will inform)

Semester III External Practical Examination: 16th October, 2025

Semester III Theory Examination: 10th, 12th, 14th, 17th November, 2025

Research Project Examination: 20th & 21st November, 2025

Mid Term vacation: 27th August to 31st August, 2025 (both days inclusive)

Diwali vacation: 21st October to 5th November, 2025 (both days inclusive)

Semester IV classes will be commencing from 24th November, 2025

(Signature)
(Dr. Bhushan B. Popatkar)

Coordinator

Date: 25th June, 2025

(Signature)
(Dr. Navinchandra G. Shimpi)
Professor and Head

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RE-ACCREDITED A++ GRADE
(CGPA 3.65) BY NAAC

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Date: 25th June, 2025

PRACTICAL TIME TABLE
M. Sc. (NEP-Based) COURSE IN INORGANIC CHEMISTRY
SEMESTER- III (2025-26)

PLACE: INORGANIC CHEMISTRY PAPER LAB

Time: Thursday, Friday: 1.30 p.m. – 5.30 p.m.

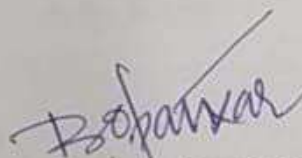
Name of the Teacher	Dates
Dr. S. Sachar Dr. S. T. Manjare	July: 10, 11, 17, 18, 24, 25, 31 Aug: 1, 7, 8, 14
Dr. S. D. Pawar Dr. S. S. Garje	Aug: 21, 22. Sept: 4, 11, 12, 18, 19, 25, 26 Oct: 3, 9

Practical sessions will be commencing from Thursday, 10th July 2025.

*Research Project: Monday, Tuesday, Wednesday & Saturday from 1.30 p.m. – 5.30 p.m.

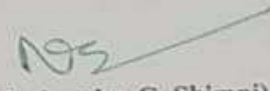
General Instructions:

1. Students must wear apron in the laboratory.
2. Students are required to maintain a record of all the experiments done in the laboratory in the form of a notebook and should get signature of teacher in-charge of the practical after the experiments gets over.


(Dr. Bhushan B. Popatkar)
Coordinator

Date: 25th June, 2025

Place: Santacruz (E), Mumbai


(Dr. Navinchandra G. Shimpi)
Professor and Head